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SEQUENCE LISTING

SEQ ID NO: 1

SEQUENCE TYPE: Amino acid

SEQUENCE LENGTH: 9

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

SEQUENCE

Xxx Glu Thr Ile Asn Xxx His Phe Lys

1 5 9

SEQ ID NO: 2

SEQUENCE TYPE: Amino acid

SEQUENCE LENGTH: 7

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

SEQUENCE

Xxx Gln Xxx Ala Phe Thr Lys

1 5 7

SEQ ID NO: 3

SEQUENCE TYPE: Amino acid

SEQUENCE LENGTH: 19

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

SEQUENCE

Val Glu Xxx Val Asp Phe Thr Asn His Leu Glu Asp Thr Xxx Xxx Asn

1 5 10 15

Ile Asn Lys

19

SEQ ID NO: 4

SEQUENCE TYPE: Amino acid

SEQUENCE LENGTH: 17

TOPOLOGY: Linear

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MOLECULE TYPE: Peptide

SEQUENCE

Xxx Tyr Ile Glu Val Thr Glu Glu Gly Thr Glu Ala Xxx Ala

1

5

10

15

Ala Xxx Gly

17

SEQ ID NO: 5

SEQUENCE TYPE: Amino acid

SEQUENCE LENGTH: 9

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

SEQUENCE

Xxx Tyr Leu Arg Ala Leu Gly Leu Lys

1

5

9

SEQ ID NO: 6

SEQUENCE TYPE: Amino acid

SEQUENCE LENGTH: 20

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

SEQUENCE

Ala Asp Leu Ser Gly Ile Ala Ser Gly Gly Arg Leu Tyr Ile Ser Arg

1

5

10

15

Met Xxx Gly Lys

20

SEQ ID NO: 7

SEQUENCE TYPE: Amino acid

SEQUENCE LENGTH: 5

TOPOLOGY: Linear

MOLECULE TYPE: Peptide

SEQUENCE

Leu Tyr Asp Ala Lys

1

5

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SEQ ID NO: 8
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 5
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Asn Tyr Glu Met Lys
1 5

SEQ ID NO: 9
SEQUENCE TYPE: Amino acid
SEQUENCE LENGTH: 10
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
SEQUENCE
Ala Val Ala Met Met His Gln Xxx Arg Lys
1 5 10

SEQ ID NO: 10
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 38
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
FEATURES: corresponding to amino acid sequence of SEQ ID NO: 3; I is
inosine.
SEQUENCE
GTIGARIIIIG TIGAYTTYAC IAAYCAYYTI GARGAYAC 38

SEQ ID NO: 11
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 32
STRANDNESS: Single
TOPOLOGY: Linear

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MOLECULE TYPE: Synthetic DNA

FEATURES: corresponding to amino acid sequence of SEQ ID NO: 4; I is inosine.

SEQUENCE

TACATCGAIG TIACIGARGA RGGIACNGAR GC 32

SEQ ID NO: 12

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 37

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

FEATURES: Oligomer attached to 3'-RACE kit (Gibco BRL).

SEQUENCE

GGCCACGCGT CGACTAGTAC TTTTTTTTTT TTTTTTTT 34

SEQ ID NO: 13

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 20

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

ATGTTGTGGG GACTGCTATA 20

SEQ ID NO: 14

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 23

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CAAGGCGAAT GACCTCTAAG TAT 23

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SEQ ID NO: 15
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 21
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
CCCCGAAGCA ATCCCAGAGA G 21

SEQ ID NO: 16
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 21
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
CTCAGGCAGC AGAACGTACA T 21

SEQ ID NO: 17
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 21
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
GGCGACGACT CCTGGAGCCC G 21

SEQ ID NO: 18
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 22
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
GACACCAGAC CAACTGGTAA TG 22

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SEQ ID NO: 19
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 36
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
CATCCGGGAG ATGTACAGCC GGCCGCCAGA GGCAAT 36

SEQ ID NO: 20
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 21
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
GCTGTGGCCA TGATGCACCA G 21

SEQ ID NO: 21
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 24
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE
TACCTGCGGG CCCTGGGCCT GAAG 24

SEQ ID NO: 22
SEQUENCE TYPE: Nucleic acid
SEQUENCE LENGTH: 51
STRANDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Synthetic DNA
SEQUENCE

MOLECULE TYPE: Synthetic DNA

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SEQUENCE

ACTAGCCGCT ACAGTCAACA

20

SEQ ID NO: 27

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 21

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

TTGCCACTTG CCTTTGAAGT A

21

SEQ ID NO: 28

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 21

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CTGATGCATC ATGGCGACTG C

21

SEQ ID NO: 29

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 21

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

AGCATTACCC AGCACCATTA C

21

SEQUENCE ID NO: 30

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 1950

STRANDNESS: Double

TOPOLOGY: Linear

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MOLECULE TYPE: complimentary DNA (cDNA)

ORIGINAL SOURCE: Human

IMMEDIATE SOURCE: A431

FEATURE: DNA coding for human megakaryocyte differentiation factor
SEQUENCE

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GGCACGAGAG GAACTGAAGC CCAGCTGTGA AGGCCGCAGA CTGCAGTGAG      50
AGGAGGCTGC ACTCCATTTT GCA ATG GCC TCC CTT GCT GCA GCA AAT      97
                               Met Ala Ser Leu Ala Ala Ala Asn
                               1             5
GCA GAG TTT TGC TTC AAC CTG TTC AGA GAG ATG GAT GAC AAT CAA  142
Ala Glu Phe Cys Phe Asn Leu Phe Arg Glu Met Asp Asp Asn Gln
      10             15             20
GGA AAT GGA AAT GTG TTC TTT TCC TCT CTG AGC CTC TTC GCT GCC  187
Gly Asn Gly Asn Val Phe Phe Ser Ser Leu Ser Leu Phe Ala Ala
      25             30             35
CTG GCC CTG GTC CGC TTG GGC GCT CAA GAT GAC TCC CTC TCT CAG  232
Leu Ala Leu Val Arg Leu Gly Ala Gln Asp Asp Ser Leu Ser Gln
      40             45             50
ATT GAT AAG TTG CTT CAT GTT AAC ACT GCC TCA GGA TAT GGA AAC  277
Ile Asp Lys Leu Leu His Val Asn Thr Ala Ser Gly Tyr Gly Asn
      55             60             65
TCT TCT AAT AGT CAG TCA GGG CTC CAG TCT CAA CTG AAA AGA GTT  322
Ser Ser Asn Ser Gln Ser Gly Leu Gln Ser Gln Leu Lys Arg Val
      70             75             80
TTT TCT GAT ATA AAT GCA TCC CAC AAG GAT TAT GAT CTC AGC ATT  367
Phe Ser Asp Ile Asn Ala Ser His Lys Asp Tyr Asp Leu Ser Ile
      85             90             95
GTG AAT GGG CTT TTT GCT GAA AAA GTG TAT GGC TTT CAT AAG GAC  412
Val Asn Gly Leu Phe Ala Glu Lys Val Tyr Gly Phe His Lys Asp
      100            105            110
TAC ATT GAG TGT GCC GAA AAA TTA TAC GAT GCC AAA GTG GAG CGA  457
Tyr Ile Glu Cys Ala Glu Lys Leu Tyr Asp Ala Lys Val Glu Arg
      115            120            125
GTT GAC TTT ACG AAT CAT TTA GAA GAC ACT AGA CGT AAT ATT AAT  502
Val Asp Phe Thr Asn His Leu Glu Asp Thr Arg Arg Asn Ile Asn

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Gly	Ile	Ala	Ser	Gly	Gly	Arg	Leu	Tyr	Ile	Ser	Arg	Met	Met	His	
310						315					320				
AAA	TCT	TAC	ATA	GAG	GTC	ACT	GAG	GAG	GGC	ACC	GAG	GCT	ACT	GCT	1087
Lys	Ser	Tyr	Ile	Glu	Val	Thr	Glu	Glu	Gly	Thr	Glu	Ala	Thr	Ala	
325						330					335				
GCC	ACA	GGA	AGT	AAT	ATT	GTA	GAA	AAG	CAA	CTC	CCT	CAG	TCC	ACG	1132
Ala	Thr	Gly	Ser	Asn	Ile	Val	Glu	Lys	Gln	Leu	Pro	Gln	Ser	Thr	
340						345					350				
CTG	TTT	AGA	GCT	GAC	CAC	CCA	TTC	CTA	TTT	GTT	ATC	AGG	AAG	GAT	1177
Leu	Phe	Arg	Ala	Asp	His	Pro	Phe	Leu	Phe	Val	Ile	Arg	Lys	Asp	
355						360					365				
GAC	ATC	ATC	TTA	TTC	AGT	GGC	AAA	GTT	TCT	TGC	CCT	TGA			1216
Asp	Ile	Ile	Leu	Phe	Ser	Gly	Lys	Val	Ser	Cys	Pro	...			
370						375					380				
AAATCCAATT	GGTTTCTGTT	ATAGCAGTCC	CCACAACATC	AAAGAACCAC											1266
CACAAGTCAA	TAGATTTGAG	TTTAATTGGA	AAAATGTGGT	GTTTCCTTTG											1316
AGTTTATTTT	TTCCTAACAT	TGGTCAGCAG	ATGACACTGG	TGACTTGACC											1366
CTTCCTAGAC	ACCTGGTTGA	TTGTCCTGAT	CCCTGCTCTT	AGCATTCTAC											1416
CACCATGTGT	CTCACCATT	TCTAATTTCA	TTGTCTTTCT	TCCCACGCTC											1466
ATTTCTATCA	TTCTCCCCCA	TGACCCGTCT	GGAAATTATG	GAGAGTGCTC											1516
AACTGGTAAG	GAGAACGTAG	AAGTAGCCCT	AGGGATCCTT	TTTGAAACTC											1566
TACAGTTATC	GCAGATATTC	TAGCTTCATT	GTAAGCAATC	TAGGAAATAA											1616
GCCCTGCTGC	TTTCTAGAAA	TAAGTGTGAA	GGATAAATTT	TCTTTGTTGA											1666
CCTATGAAGA	TTTTAGAGTT	TACCTTCATA	TGTTTGATTT	TAAATCAGTG											1716
TATAATCTAG	ATGGTAAAAA	ATGTGAAATT	GGGATTAGGG	ACCAACCAAA											1766
ATATTTTCATT	AATGCTTTCA	ATTGACAAAT	TTTGGTCTTT	CTTTGATAAG											1816
ACAATATGTA	CATAGTTTTT	TCAAATATTA	AAGATCTTTT	AACTGTTGGC											1866
AGTTGTTATC	TACAGAATCA	TATCTCATAT	GCTGTGTAGT	TTATAAGTTT											1916
TTTCTCTATT	TATCAGAATA	AAGAAATACA	ACAT												1950

SEQ ID NO: 31

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 20

STRANDNESS: Single

TOPOLOGY: Linear

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MOLECULE TYPE: Synthetic DNA

ORIGINAL SOURCE: Human

FEATURES: 5'-non-translation region

SEQUENCE

AACTGAAGCC CAGCTGTGAA

20

SEQ ID NO: 32

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 37

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

CTCGAATTCTG CGATGGCCTC CCTTGCTGCA GCAAATG

37

SEQ ID NO: 33

SEQUENCE TYPE: Nucleic acid

SEQUENCE LENGTH: 49

STRANDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE: Synthetic DNA

SEQUENCE

GGGAATTCGC GGCCGCGTGG TGGTTCTTTG ATGTTGTGGG GACTGCTAT

49